

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	"6115418".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L3	2	"6178198".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L4	2	(mlt3 or "mlt-3") with super adj trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L5	2	"6178198".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L6	0	RSSE and metric and add with compara and (memory or stor\$3) and ISI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L7	2745	375/341	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L8	1	"10/022659"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L9	0	RSSE and metric and add with compara and (memory or stor\$3) and ISI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

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L10	2	"6178198".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L11	18	("20020150180" "20030053535" "20030115061" "5031195" "5214672" "5546430" "6081562" "6744831" "6798828").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L12	3	trellis with MLT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L13	3	((joint adj equalization) near decoding) and multilevel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L14	2	trellis with generat\$3 with MLT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L15	8	RSSE and (supertrellis or ((super or concatenated ot hyper) adj trellis))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L16	6	("6038269" "6115418" "6178198").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L17	87	trellis with (MLT or (multilevel with code))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

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L18	22	L7 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L19	4112	375/316	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L20	0	L19 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L21	17	((super or concatenated) adj trellis) with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L22	26	trellis and (MLT)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L23	2	trellis with (generat\$3 or produce) with MLT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L24	2	"6118603".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L25	22	RSSE and metric and (add with compar\$3) and (memory or stor\$3) and ISI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

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L26	1482	375/265	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L27	3	"7000175".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L28	30	(mlt3 or "mlt-3") and trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L29	38	("4456893"   "4701936"   "4888560"   "4974185"   "5031194"   "5119196"   "5245291"   "5291499"   "5465272"   "5481564"   "5502735"   "5602507"   "5617450"   "5638065"   "5654667"   "5809079"   "5818378"   "5841478"   "5841484"   "5859861"   "5872668"   "5895479"   "5909384"   "5940442"   "5949819"   "5960011"   "5982818"   "5986831"   "6035007"   "6038269"   "6047022"   "6115418"   "6148046").PN. OR ("6418172"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 12:44
L30	17	((super or concatenated) adj trellis) with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L31	13	super adj trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L32	3	"7000175".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

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L33	0	joint adj equalization adj "and" adj decoding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L34	2	"6987796".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L35	5	("6418172").URPN.	USPAT	OR	ON	2007/01/30 12:44
L36	14	"SYNCHRONOUS NETWORK COMMUNICATIONS SYSTEM"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L37	2	((super or concatenated) adj trellis) with channel and MLT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L38	1	"10/022659"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L39	4	("5146475"   "5191598"   "5202903"   "5272727").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 12:44
L40	1683	375/262	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L41	18	L40 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

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L42	0	((joint adj equalization) near decoding) and mlt3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L43	33	("4456893"   "4701936"   "4888560"   "4974185"   "5031194"   "5119196"   "5245291"   "5291499"   "5465272"   "5481564"   "5502735"   "5602507"   "5617450"   "5638065"   "5654667"   "5809079"   "5818378"   "5841478"   "5841484"   "5859861"   "5872668"   "5895479"   "5909384"   "5940442"   "5949819"   "5960011"   "5982818"   "5986831"   "6035007"   "6038269"   "6047022"   "6115418"   "6148046").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 12:44
L44	3	trellis with (MLT)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L45	1	"6115418".pn.	USPAT	OR	ON	2007/01/30 12:44
L46	22	RSSE and metric and (add with compar\$3) and (memory or stor\$3) and ISI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L47	17	((super or concatenated) adj trellis) with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L48	2	(mlt3 or "mlt-3") and trellis with super	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L49	2	"6115418".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

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L50	15	(super or (reduced with state)) adj trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L51	23	(mlt3 or "mlt-3") and trellis and equaliz\$5 and decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L52	3	"7000175".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L53	17	((super or concatenated) adj trellis) with channel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L54	2	((joint adj equalization) near decoding) and mlt-3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L55	9	(super or (reduced with state)) adj trellis and (equalization with decoding)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L56	3	L22 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L57	2	((joint adj equalization) near decoding) with multilevel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

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L58	3	L22 and L26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L59	3	(mlt3 or "mlt-3") with trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L60	2	"6118603".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L61	2	((joint adj equalization) near decoding) same multilevel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L62	44	(joint adj equalization) near decoding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L63	8	RSSE and (supertrellis or ((super or concatenated ot hyper) adj trellis))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L64	2	equaliz\$5 with joint with decod\$3 and MLT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L65	71	"07077"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44



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L66	2	((super or concatenated) adj trellis) with channel and MLT	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L67	29	(mlt3 or "mlt-3") and trellis and equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L68	4	("5146475"   "5191598"   "5202903"   "5272727").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/30 12:44
L69	2	L22 and L40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L70	0	equaliz\$5 with join with decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L71	5	trellis same (MLT)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L72	11	"09/471920"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L73	5	"99/07077"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L74	14	"1021884"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

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L75	0	"199907077"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L76	0	"1999007077"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L77	7	((joint adj equalization) near decoding) and dispersive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L78	35	L26 and L17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L79	78	joint with equalization with decoding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L80	0	"1999/07077"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L81	111	equaliz\$5 with joint with decod\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
L82	24	joint with equalization with decoding with trellis	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44

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L83	2	L22 and L19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/30 12:44
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 PALM IntranetApplication  
Number


IDS Flag Clearance for Application 10022659

 IDS  
Information

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
M844	2001-12-18	5	Y <input checked="" type="checkbox"/>	2002-01-24 12:12:34.0	ltyson1
<input type="button" value="Update"/>					

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## Continuity Information for 10/022659

**Parent Data**

No Parent Data

**Child Data**

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## Inventor Information for 10/022659

Inventor Name	City	State/Country
AZADET, KAMERAN	MORGANVILLE	NEW JERSEY
HARATSCH, ERICH FRANZ	BRADLEY BEACH	NEW JERSEY

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**Inventor Name Search Result**

Your Search was:

Last Name = HARATSCH

First Name = ERICH

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<u>09031728</u>	6154222	150	02/27/1998	METHOD FOR DEFINING ANIMATION PARAMETERS FOR AN ANIMATION DEFINITION INTERFACE	HARATSCH, ERICH
<u>09113747</u>	Not Issued	71	07/10/1998	INTERACTION MODALITIES FOR MULTIMEDIA DELIVERY AND PRESENTATION	HARATSCH, ERICH
<u>09113748</u>	6317131	150	07/10/1998	INTERACTION MODALITIES FOR MULTIMEDIA DELIVERY AND PRESENTATION USING NODES	HARATSCH, ERICH
<u>09686077</u>	6483513	150	10/12/2000	Method for defining MPEP 4 animation parameters for an animation definition interface	HARATSCH, ERICH
<u>09950792</u>	Not Issued	161	09/13/2001	Interaction modalities for multimedia delivery and presentation using nodes	HARATSCH, ERICH
<u>09975052</u>	Not Issued	161	10/12/2001	Method for defining animation parameters for an animation definition interface	HARATSCH, ERICH
<u>10291428</u>	6970172	150	11/12/2002	SYSTEM FOR DEFINING MPEG 4 ANIMATION PARAMETERS FOR AN ANIMATION DEFINITION INTERFACE	HARATSCH, ERICH
<u>11179715</u>	Not Issued	71	07/12/2005	Method for defining animation parameters for an animation definition interface	HARATSCH, ERICH
<u>60041732</u>	Not Issued	159	03/27/1997	ANIMATION DEFINITION INTERFACE	HARATSCH, ERICH
<u>60042799</u>	Not	159	04/07/1997	LET ANIMALS AND	HARATSCH, ERICH



	Issued			FURNITURE SPEAK: PROPOSAL FOR EXTENDING THE SCOPE OF FACE AND BODY ANIMATION	
<u>60052576</u>	Not Issued	159	07/15/1997	ENSURING QUALITY OF SERVICE FOR SCENE GRAPHS WITH BIFS	HARATSCH, ERICH
<u>11496121</u>	Not Issued	25	07/31/2006	Methods and apparatus for low- density parity check decoding using hardware-sharing and serial sum-product architecture	HARATSCH, ERICH F.
<u>11535540</u>	Not Issued	25	09/27/2006	Systems and Methods for Generating Erasure Flags	HARATSCH, ERICH F.
<u>09834668</u>	<u>7000175</u>	150	04/13/2001	METHOD AND APPARATUS FOR PIPELINED JOINT EQUALIZATION AND DECODING FOR GIGABIT COMMUNICATIONS	HARATSCH, ERICH FRANZ
<u>10022659</u>	Not Issued	41	12/18/2001	Method and apparatus for joint equalization and decoding of multilevel codes	HARATSCH, ERICH FRANZ
<u>10022665</u>	Not Issued	120	12/18/2001	Method and apparatus for joint equalization and decoding of multidimensional codes transmitted over multiple symbol durations	HARATSCH, ERICH FRANZ
<u>10853087</u>	Not Issued	30	05/25/2004	Method and apparatus for multiple step viterbi detection with local feedback	HARATSCH, ERICH FRANZ
<u>10853088</u>	Not Issued	30	05/25/2004	Method and apparatus for precomputation and pipelined selection of intersymbol interference estimates in a reduced-state Viterbi detector	HARATSCH, ERICH FRANZ
<u>10853089</u>	Not Issued	30	05/25/2004	Method and apparatus for precomputation and pipelined selection of branch metrics in a reduced-state Viterbi detector	HARATSCH, ERICH FRANZ
<u>10853090</u>	Not Issued	61	05/25/2004	Method and apparatus for reduced-state Viterbi detection in a read channel of a magnetic recording system	HARATSCH, ERICH FRANZ
<u>10962188</u>	Not Issued	41	10/08/2004	Pipelined decision-feedback unit in a reduced-state viterbi detector with local feedback	HARATSCH, ERICH FRANZ
<u>11045585</u>	Not	30	01/28/2005	Method and apparatus for soft-	HARATSCH, ERICH

	Issued			output viterbi detection using a multiple-step trellis	FRANZ
<u>11119038</u>	Not Issued	25	04/29/2005	Method and apparatus for iterative error-erasure decoding	HARATSCH, ERICH FRANZ
<u>11234446</u>	Not Issued	30	09/26/2005	Method and apparatus for pipelined joint equalization and decoding for gigabit communications	HARATSCH, ERICH FRANZ
<u>11256182</u>	Not Issued	30	10/21/2005	Hybrid memory architecture for reduced state sequence estimation (RSSE) techniques	HARATSCH, ERICH FRANZ
<u>60244453</u>	Not Issued	159	10/30/2000	Low complexity joint equalizer and decoder for 1000base-t gigabit ethernet	HARATSCH, ERICH FRANZ
<u>60245519</u>	Not Issued	159	11/03/2000	Pipelined joint equalization and decoding for gigabit communications	HARATSCH, ERICH FRANZ
<u>09326785</u>	<u>6690754</u>	150	06/04/1999	METHOD AND APPARATUS FOR REDUCING THE COMPUTATIONAL COMPLEXITY AND RELAXING THE CRITICAL PATH OF REDUCED STATE SEQUENCE ESTIMATION (RSSE) TECHNIQUES	HARATSCH, ERICH FRANZ
<u>09471920</u>	<u>6999521</u>	150	12/23/1999	METHOD AND APPARATUS FOR SHORTENING THE CRITICAL PATH OF REDUCED COMPLEXITY SEQUENCE ESTIMATION TECHNIQUES	HARATSCH, ERICH FRANZ

Inventor Search Completed: No Records to Display.

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	HARATSCH	ERICH	

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## Correspondence Address for 10/022659

Customer Number	Contact Information	Address
No Customer #	Telephone: No Telephone # Fax: No Fax # E-Mail: No E-Mail Address	Ryan, Mason & Lewis, LLP Suite 205 1300 Post Road Fairfield CT 06430

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